

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

SECOND SEMESTER – APRIL 2018

17/16UZO2MC01– CHORDATA

Date: 24-04-2018
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Part -A

Answer all questions

(10 x 2= 20 marks)

1. What is ammocoetes larva?
2. Write notes on Balanoglossus.
3. What is meant by velum?
4. What is wheel organ?
5. Comment on Tornaria larva.
6. Define metamorphosis.
7. Define Apoda?
8. What is solenocyte?
9. Define homeotherms?
10. Comment on Uropygeal gland.

Part -B

Answer any four questions

(4 x 10= 40 marks)

11. Give a brief account on any one prochordates.
12. Explain the arterial system of shark with suitable diagram.
13. Explain the pulmonary respiration in frog
14. Describe the structure and functions of the air sacs of pigeon.
15. Write an essay on egg laying mammals.
16. Explain adaptations seen in flying mammals.

Part –C

Answer any two questions

(2x 20= 40 marks)

17. Skull forms the basis of reptilian classifications. Justify
18. Write an essay on migration of birds.
19. Give an account of aquatic mammals.
20. Explain the dentition in mammals.
